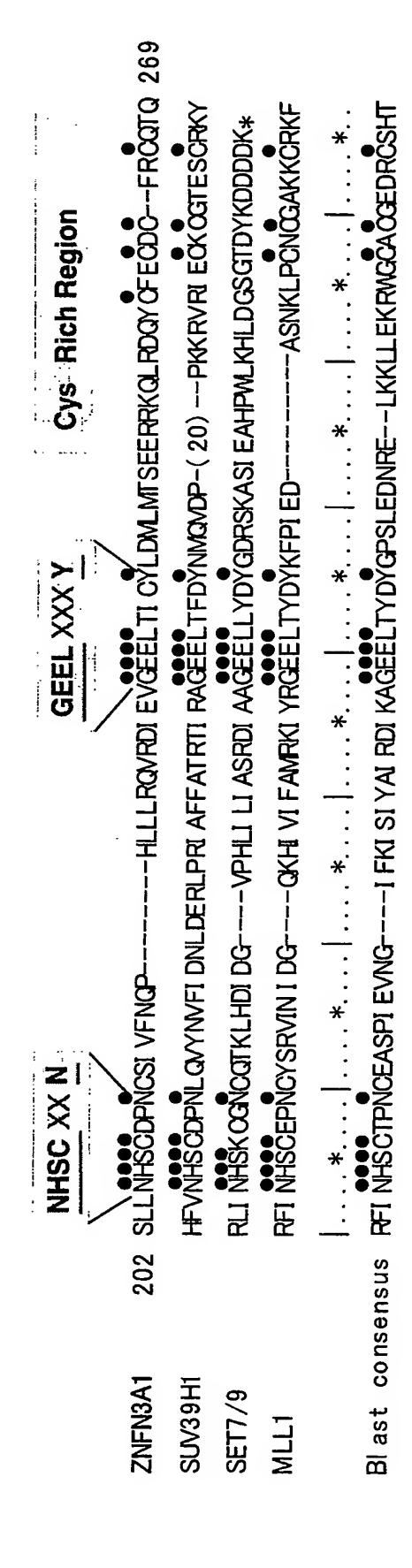
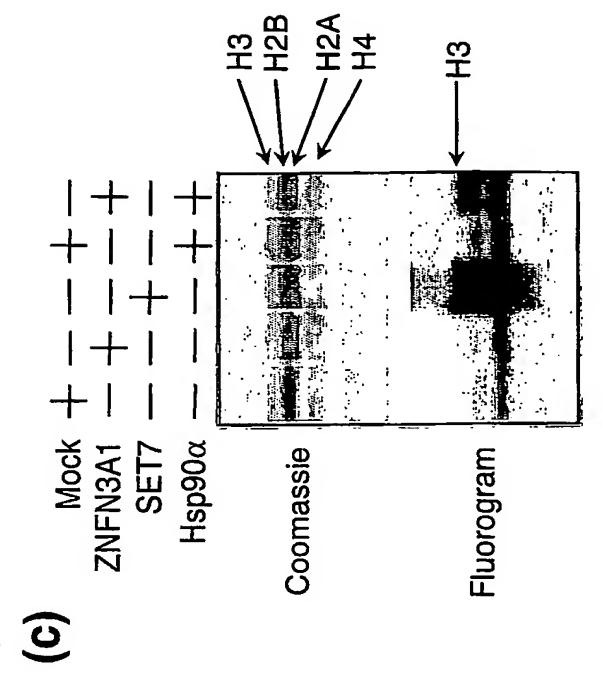


Fig. 1





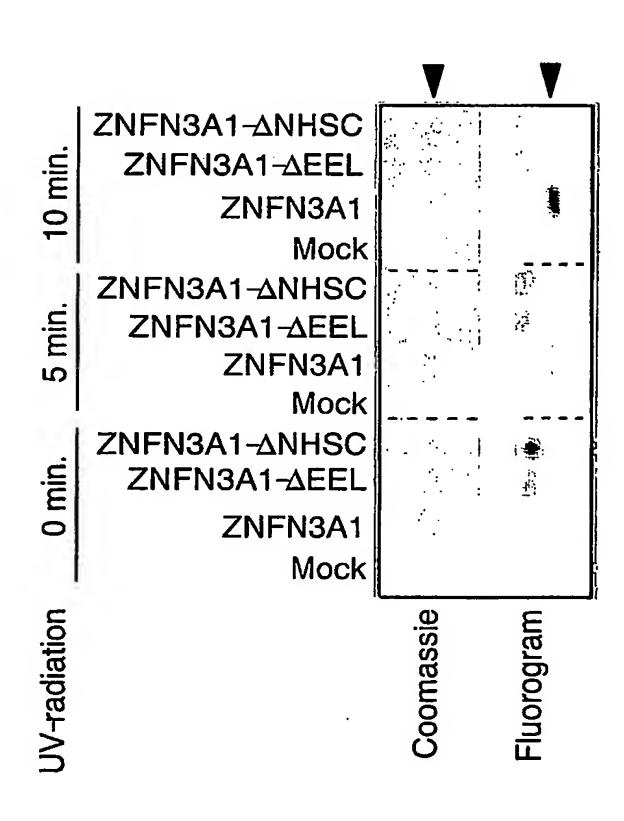


Fig. 2

| a | | Mock SET W | INFRORTAL THE | ASA ANTES |
|----------------------------|--------|--------------------|---------------|-----------|
| IB: anti-Flaç | g M2 | | | |
| IB: anti-mor methylated | 10- | yki sak | | |
| IB: anti-di- methylated | H3-K4 | <u> </u> | | |
| IB: ant-tri- methylated | H3-K4 | | | |
| IB: anti-Hist | one H3 | | | |

b

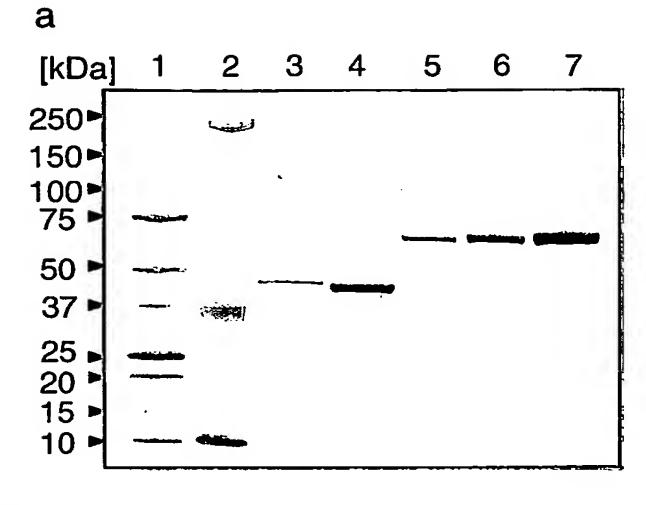
| | wt-ZNFN3A1 | | | |
|----------------------------------|------------|-----------------|-----------------|--|
| Peptide competitor: | None | Di-methyl K9 | Di-methyl K4 | |
| IB: anti-di- methylated H3-K4 | | | | |
| IB: anti-Histone H3 | | | | |

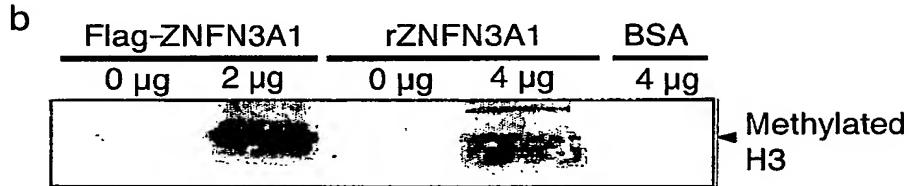
IB: anti-Flag M2

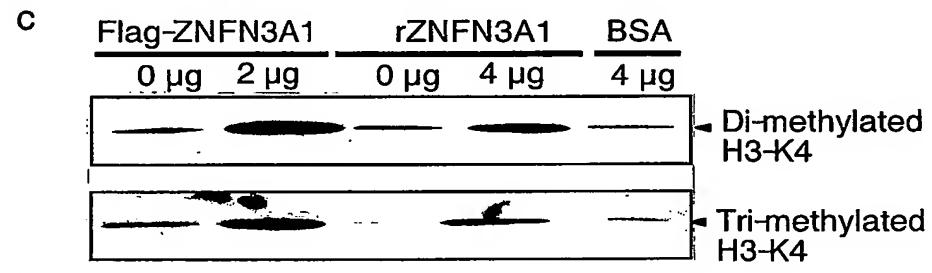
IB: anti-trimethylated H3-K9

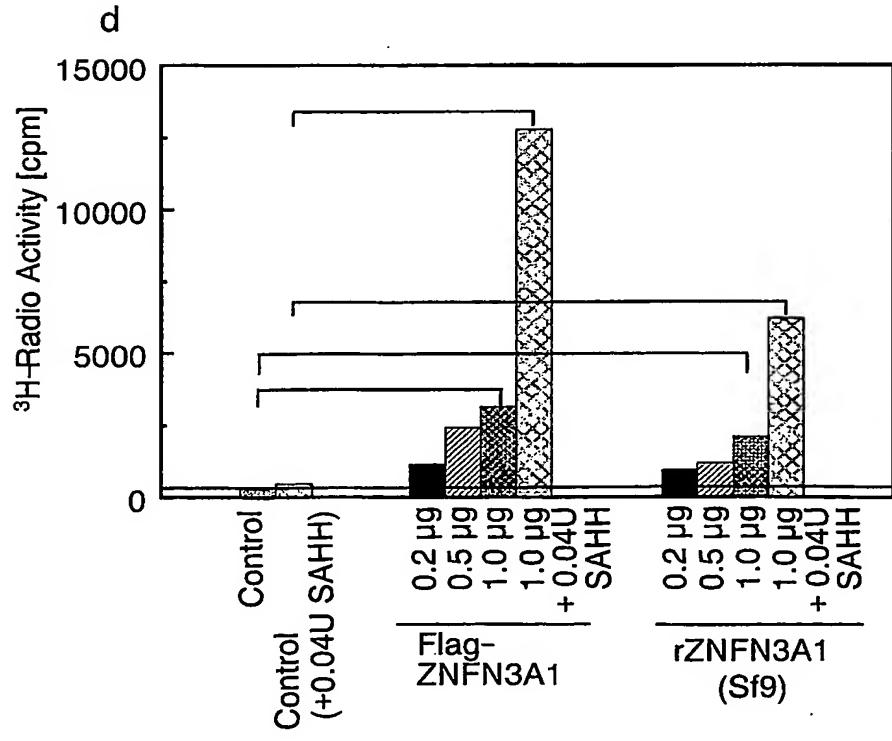
IB: anti-Histone H3









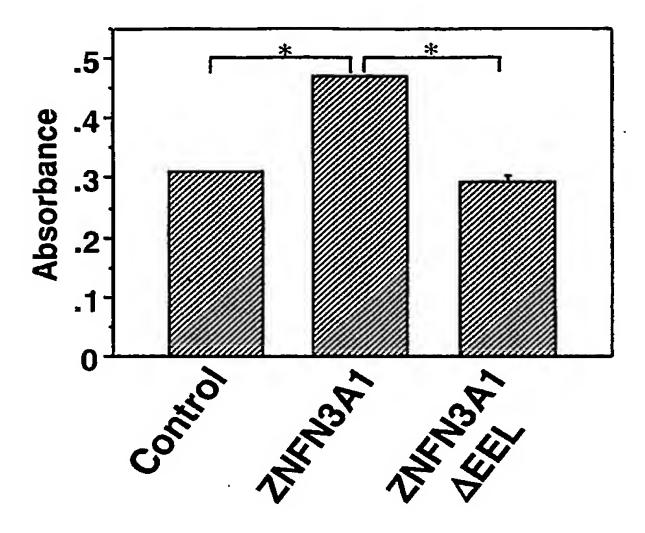


WO 2005/071102 PCT/JP2005/001172

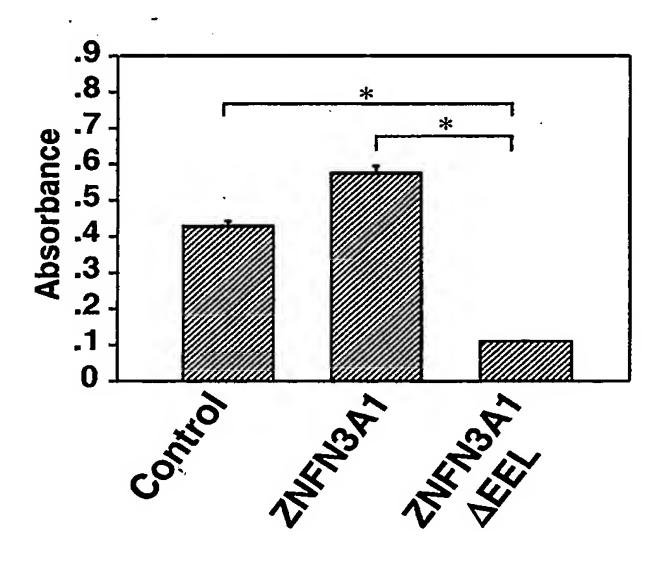
4/9

Fig. 4

(a) HEK293 cells



(b) HCT116 cells





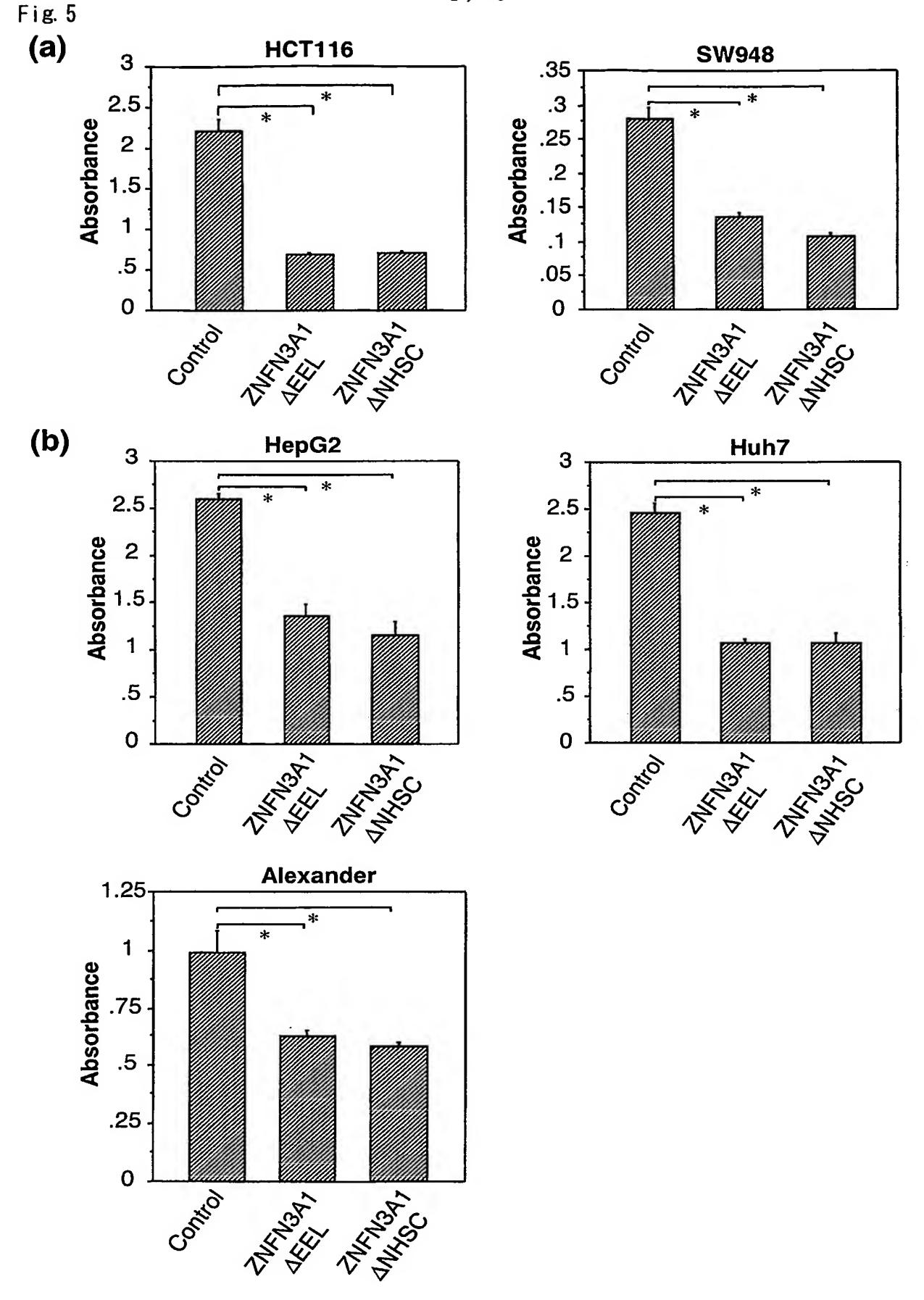
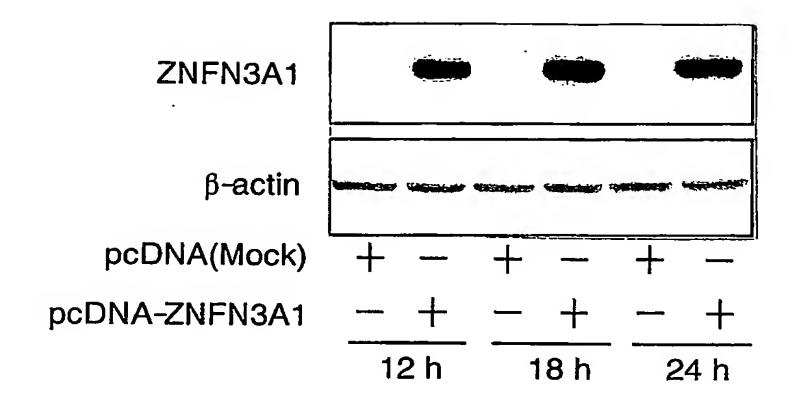


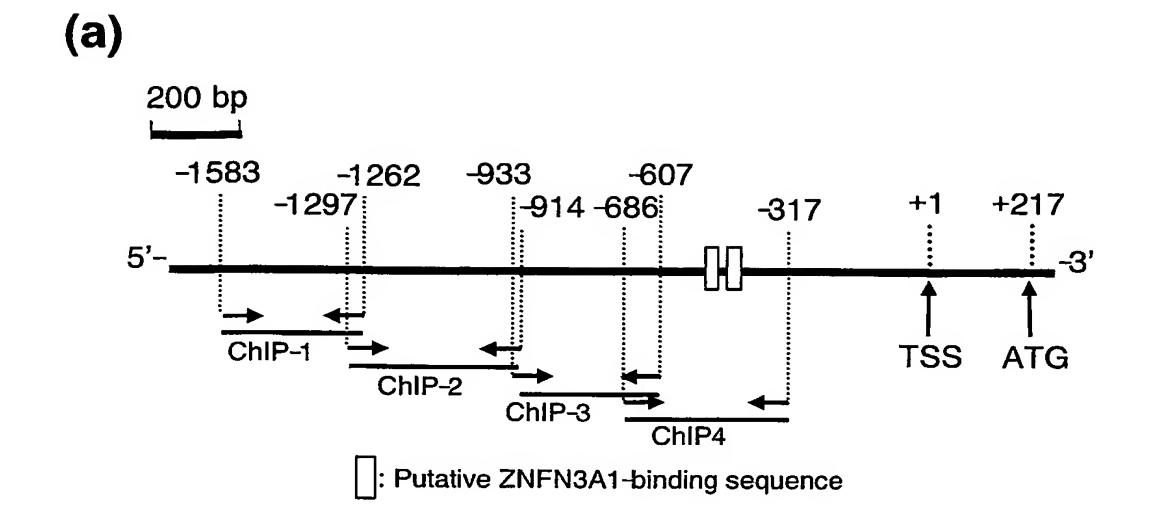
Fig. 6

(a)

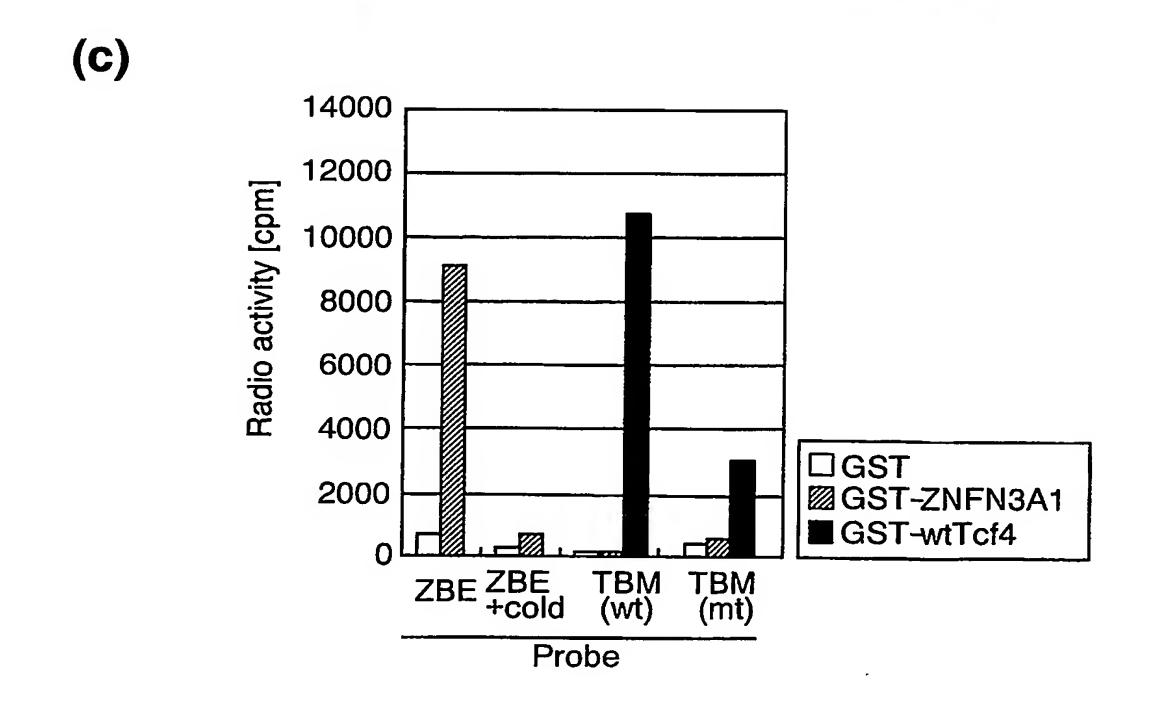


MOST THE MORE (b) **UniGene ID** Gene name NK-2 (Drosophila) homolog 8 (Nkx2.8) Hs.234763 ccaat/enhancer binding protein (C/EBP), delta Hs.76722 Hs.54473 Cardiac-specific homeo box(Nkx2.5) Wingless-type MMTV integration site family, member 10B (Wnt10B)
Phosphoinositide-3-kinase, catalytic, beta polypeptide (PIK3CB) Hs.91985 Hs.239818 Hs.172700 Neuralized (Drosophila)-like (NEURL) PSMD9; Proteasome (Prosome, Macropain) 26S Subunit, Non-ATPase, 9 Endothelin converting enzyme-like 1 Hs.5648 Hs.26880 (ECEL1)
v-Crk avian sarcoma virus CT10
oncogene homolog-like (CRKL) Hs.5613 Adaptor protein with pleckstrin homology and src homology 2 domains (APS) Hs.371366 Hs.236361 Seb4D Hs.169476 **GAPDH**

Fig. 7

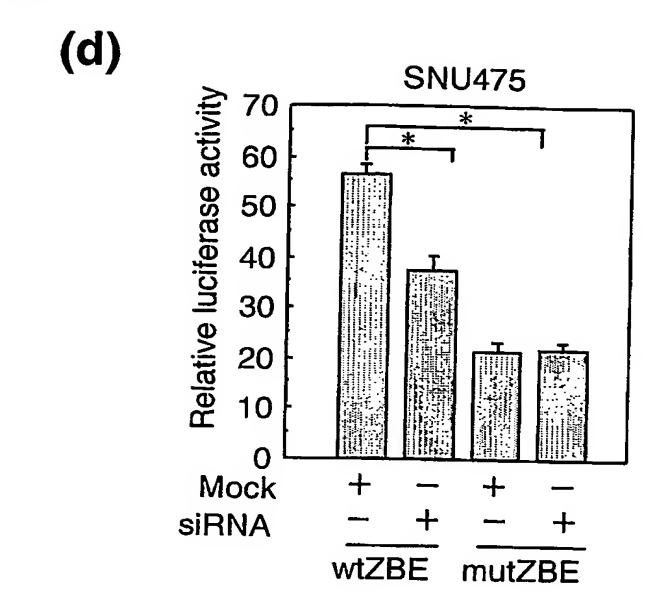


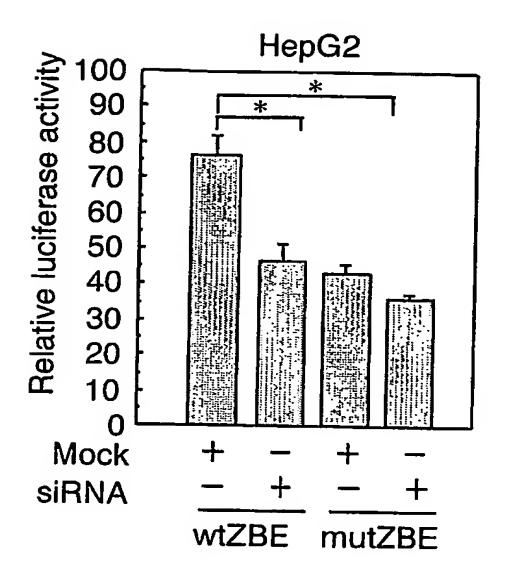




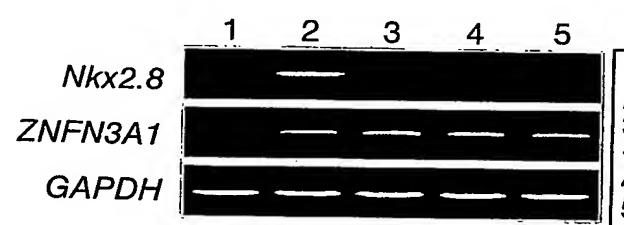








(e)



1: Mock
2: wild-type ZNFN3A1
3: wild-type ZNFN3A1
+ 2 µM GA
4: ZNFN3A1-ΔEEL
5: ZNFN3A1-ΔNHSC

(f)

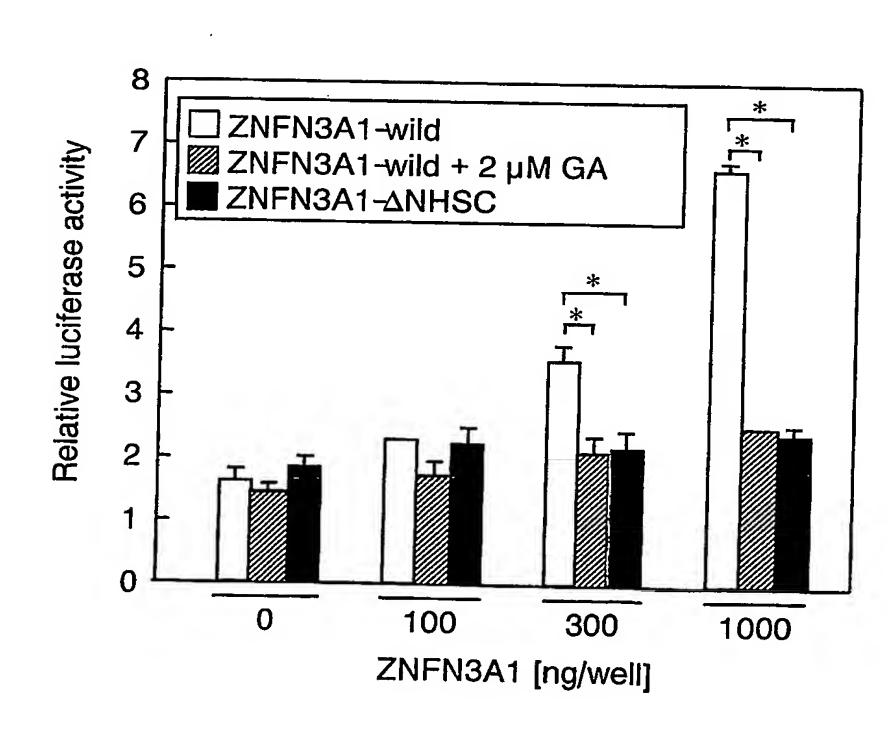
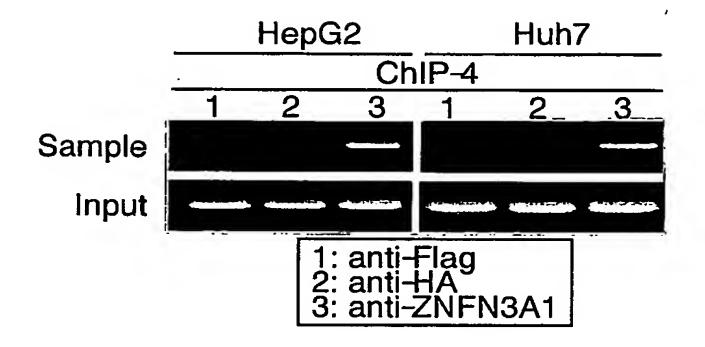


Fig. 8

a



b

